

### MITIGATION MONITORING AND REPORTING PROGRAM

Corporate Campus Project; April 2002

SCH #: 2001102055

Mitigation Measure	Implementation Procedure(s)	Monitoring Responsibility	Monitoring/Reporting Action & Schedule	Non-Compliance Sanction/Activity	Monitoring Compliance Record (Name/Date)
<b>3.1 AESTHETICS</b>					
<b>3.1-C1</b> <b>Lighting and Glare Impacts:</b> The following mitigation measures shall be implemented to reduce light and glare impacts:  ❖ Prior to the final design of the proposed project, the project shall be designed to include non-reflective and/or tinted glass on the east, west, and south sides of all the buildings on the Campus.  ❖ Prior to issuance of the first building permit, the applicant shall prepare an exterior lighting plan, which shall indicate the location, type, and wattage, of all light fixtures and include catalog sheets for each fixture. The lighting plan shall provide evidence that all exterior lighting will be unobtrusive, harmonious with the local area, and constructed or located so that only the intended area is illuminated and off-site glare is fully controlled.	<p>Require as a condition of project approval.</p>  <p>Recommended measures incorporated into Corporate Campus project plans by applicant.</p>  <p>Review plans prior to issuance of first building permit to ensure measures are incorporated.</p>	<p>CDD</p>  <p>CDD</p>  <p>CDD</p>	<p>Draft and incorporate condition prior to final design and approval of project.</p>  <p>Prior to issuance of the first building and/or grading permit.</p>  <p>Prior to issuance of the first building permit.</p>	<p>Deny project.</p>  <p>Deny issuance of a building permit.</p>  <p>Deny issuance of a building permit.</p>	

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<p><b>3.1-D1</b>  <b>Demolition and Construction Impacts:</b>            Implementation of the following mitigation measures, in conjunction with standard conditions of approval, would reduce short-term aesthetic impacts to less than significant levels.</p> <p>❖ Construction staging shall be kept clear of all trash, weeds, etc. Compliance with this measure is subject to periodic field inspections by the City of Sunnyvale.</p> <p>❖ During construction, a screened security fence approved by the City of Sunnyvale shall be placed and maintained around areas under demolition and construction. The fences shall be removed immediately following completion of construction activities.</p>	<p>Require as a condition of project approval.</p> <p>Recommended measures implemented during construction staging and activities by contractor.</p> <p>Recommend measures are posted at construction site.</p>	<p>CDD</p> <p>Project Applicant DPW</p> <p>DPW</p>	<p>Draft and incorporate condition prior to approval of project.</p> <p>City to complete site inspection during site building and/or grading.</p> <p>City to complete site inspection during site building and/or grading.</p>	<p>Deny project.</p> <p>Halt construction until measures are implemented.</p> <p>Halt construction until measures are implemented.</p>	

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<b>3.2 AIR QUALITY</b>					
<p><b>3.2-A1</b>  <b>Impacts related to Consistency with the Clean Air Plan:</b> In observation of the TDM, the City shall require the project applicant to implement traffic management procedures for the primary occupant as well as sub-leasees prior to issuing a Special Development Permit. Examples of feasible TDM procedures that may be implemented include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>❖ Bicycle racks and lockers</li> <li>❖ Showers and changing rooms</li> <li>❖ Incentives to utilize public transportation</li> <li>❖ Incentives to carpool or vanpool</li> <li>❖ Providing preferential parking for carpool/vanpool vehicles</li> <li>❖ Provide for flexible work hours to limit the impact on peak hour trips and congestion</li> <li>❖ Information brochures on TDM opportunities</li> </ul> <p>Final TDM requirements will be subject to the review and approval of the City of Sunnyvale and may be subject to change</p>	<p>Require as a condition of project approval.</p> <p>City to review TDM plan to ensure measures are incorporated.</p>	<p>CDD</p> <p>CDD</p>	<p>Draft and incorporate condition prior to approval of project.</p> <p>Prior to issuance of a grading permit.</p>	<p>Deny project.</p> <p>City staff delays approval of grading permit.</p>	
over time to allow for the addition of, or revision to, TDM measures designed to further increase the effectiveness of the					

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<p>adopted TDM program.</p> <p>In addition to feasible TDM procedures, the City shall require the project applicant to participate in Moffett Park Business and Transportation Association (MPBTA) or provide equivalent support (by way of a full-time commute coordinator).</p>					
<p><b>3.2-B1</b>  <b>Construction Related Air Quality Impacts:</b> The project applicant shall implement all of the control measures specified in Table 3.2-3 by the BAAQMD for PM<sub>10</sub>.</p>	<p>Require as a condition of approval.</p> <p>Contractor implements air quality control measures.</p> <p>Site inspections by City staff.</p>	<p>CDD</p> <p>Project Applicant</p> <p>DPW</p>	<p>Draft and incorporate condition as part of project approval.</p> <p>During construction.</p> <p>Complete inspections during construction.</p>	<p>Deny project.</p> <p>Halt construction.</p> <p>City halts construction activity until measures are implemented.</p>	
<b>3.4 CULTURAL RESOURCES</b>					

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<b>3.4-B1</b> <b>Impacts to Archaeological Resources:</b> A qualified archaeologist shall monitor all earth moving activities within the archaeologically sensitive areas identified on Exhibit 3.4-2 (see Corporate Campus EIR document). In the event that archaeological and historic artifacts are encountered during project construction, all work in the vicinity of the find will be halted until such time as the find is evaluated by a qualified archaeologist and appropriate mitigation (if necessary) is implemented.	Require as a condition of project approval.	CDD	Draft and incorporate condition as part of project approval.	Deny project.	
	If archaeological resources are encountered, archaeologist hired by Project Applicant to complete an archaeological investigation.	CDD	Complete site inspections prior to issuance of building permit; report submitted with recommended measures.	Halt grading and construction activities.	
	Appropriate mitigation is implemented (avoidance, removal, etc.)	CDD	Complete site inspections following implementation of remediation measures.	Halt grading and construction activities.	

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<b>3.4-C1</b> <b>Impacts to Human Remains:</b> In the event human remains are discovered, the following steps shall be taken:  ❖ Sunnyvale Department of Public Safety shall be contacted. ❖ The Santa Clara County Coroner shall be contacted to determine that no investigation of the cause of death is required, and ❖ If the coroner determines the remains to be Native American: - The coroner shall contact the Native American Heritage Commission within 24 hours. - The Native American Heritage Commission shall identify the person or persons it believes to be most likely descended from the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with - appropriate dignity, the human remains and any associated grave goods as provided in Public Resource Code Section 5097398, or	<p>Require as a condition of project approval.</p> <p>If human remains are discovered, the steps to mitigation measures 3.4-C1 shall be followed.</p> <p>Appropriate mitigation is implemented.</p>	<p>CDD</p> <p>DPS CDD Santa Clara Coroner</p> <p>CDD Archaeologist/Native American Heritage Commission</p>	<p>Draft and incorporate condition as part of project approval.</p> <p>Complete site inspections prior to issuance of building permit; report submitted with recommended measures.</p> <p>Complete site inspections following implementation of remediation measures.</p>	<p>Deny project.</p> <p>Halt grading and construction activities.</p> <p>Halt grading and construction activities.</p>	
❖ Where the following conditions occur					

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<p>the landowner or his authorized representatives shall reburial the Native American human remains and associated grave goods with appropriate dignity on the property in a location not subject to further subsurface disturbance.</p> <ul style="list-style-type: none"> <li>- The Native American Heritage Commission is unable to identify a most likely descendant or the most likely descendant failed to make a recommendation within 24 hours after being notified by the commission.</li> <li>- The descendant identified fails to make a recommendation; or</li> </ul> <p>The landowner or his authorized representative rejects the recommendation of the descendant, and mediation by the Native American Heritage Commission fails to provide mitigation measures acceptable the landowner.</p>					
<b>3.5 GEOLOGY AND SOILS</b>					

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<b>3.5-A1</b> <b>Foundation and Settlement:</b> Prior to issuance of each foundation permit, the property owner/developer shall submit a final report prepared by a licensed Geotechnical/Structural Engineer for final review and approval by the City Engineer, which shall incorporate the preliminary recommendations prepared by Treadwell & Rollo, Inc. and that verifies that project foundations have been designed to minimize the effects of settlement. A letter from the Geotechnical Engineer shall state that the structural design has been reviewed and is in compliance with the Final Geotechnical Report.	<p>Required as a condition of project approval.</p> <p>Project applicant to submit final report prepared by Geotechnical/Structural Engineer.</p> <p>Review and approval of Final Geotechnical Report by City Engineer.</p> <p>Geotechnical Engineer shall submit letter to City Engineer stating that final structural design has been reviewed in compliance with the Final Geotechnical Report.</p>	<p>CDD</p> <p>Project Applicant</p> <p>DPW</p> <p>DPW</p>	<p>Draft and incorporate condition as part of project approval.</p> <p>Prior to filing Final Map or issuance of each foundation permit.</p> <p>Prior to filing Final Map or issuance of each foundation permit.</p> <p>Prior to filing Final Map or issuance of each foundation permit.</p>	<p>Deny project.</p> <p>City staff rejects Final Map and/or denies issuance of foundation permit.</p> <p>City staff rejects Final Map and/or denies issuance of foundation permit.</p> <p>City staff rejects Final Map and/or denies issuance of foundation permit.</p>	
<b>3.5-B1</b> <b>Expansive Soil:</b> In the event that lightly	<p>Require as a condition of</p>	<p>CDD</p>	<p>Draft and incorporate</p>	<p>Deny project.</p>	



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loaded structures are proposed for construction on the project site, a qualified Geotechnical Engineer shall be retained to confirm the findings of the preliminary geotechnical report and prepare detailed supplemental design and engineered solutions (if necessary) to reduce the potential effects of expansive soils on proposed structures. A letter from the Geotechnical Engineer shall state that the foundation design has been reviewed and is in compliance with the findings identified in the Final Geotechnical Report, as required by Mitigation 3.5-A1.	<p>project approval.</p> <p>Geotechnical Engineer hired by Project Applicant to confirm findings of geotechnical report and prepare detailed supplemental design and engineered solutions (if necessary).</p> <p>Geotechnical Engineer shall submit letter to City Engineer stating that final structural design has been reviewed in compliance with the Final Geotechnical Report.</p>	<p>Project Applicant</p> <p>DPW</p>	<p>condition as part of project approval.</p> <p>Prior to filing Final Map or issuance of each foundation permit.</p> <p>Prior to filing Final Map or issuance of each foundation permit.</p>	<p>City staff rejects Final Map and/or denies issuance of foundation permit.</p> <p>City staff rejects Final Map and/or denies issuance of foundation permit.</p>	
<b>3.5-B2</b> <b>Expansive Soil:</b> To limit the effect of the expansive soil all slabs-on-grade and	Refer to Mitigation Measure 3.5-B1. In addition, complete	Refer to Mitigation Measure 3.5-B1.	Refer to Mitigation Measure 3.5-B1.	Refer to Mitigation Measure 3.5-B1.	

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<p>pavements shall be underlain by a suitable layer of non-expansive imported fill over properly moisture conditioned soil.</p> <p>Laboratory testing of soil containing recycled on-site material shall be performed to determine if soil meets select fill requirements.</p>	<p>the following:</p> <p>Contractor to construct all slabs and pavements with suitable layer of non-expansive fill over properly moisture conditioned soil.</p> <p>Geotechnical Engineer hired by Project Applicant to perform soil laboratory testing.</p>	<p>DPW</p> <p>DPW</p>	<p>City staff to complete inspections during grading and/or construction.</p> <p>Submit findings prior to grading and/or construction.</p>	<p>City staff rejects Final Map and/or denies issuance of foundation permit.</p> <p>City staff rejects Final Map and/or denies issuance of foundation permit.</p>	
<p><b>3.5-B3</b></p> <p><b>Expansive Soil:</b> Because it would be difficult to compact the native highly expansive clay during the rainy season</p>	<p>Refer to Mitigation Measure 3.5-B1. In addition, complete the following:</p>	<p>Refer to Mitigation Measure 3.5-B1.</p>	<p>Refer to Mitigation Measure 3.5-B1.</p>	<p>Refer to Mitigation Measure 3.5-B1.</p>	

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grading of the site shall not be performed between January and April. However, if the schedule does not allow for dry weather grading, lime treatment or other soil stabilization techniques shall be required.	If construction schedule is to occur during wet weather, project contractor is to implement lime treatment or other soil stabilization techniques.	DPW	City staff to complete inspections during grading and/or construction.	Refer to Mitigation Measure 3.5-B1.	
<b>3.5-C1</b> <b>Seismic Shaking:</b> Adherence to the Uniform Building Code (UBC) standards is generally considered the most feasible mitigation method currently available to reduce hazards from ground-shaking. The proposed structures shall be designated in accordance with the requirements for Zone 4 (the highest earthquake hazard zone) of the 1997 UBC.	Required as a condition of project approval.  Recommended measure incorporated into Corporate Campus project plans by applicant.  Review plans prior to issuance of first building permit to ensure measures are incorporated.	CDD  CDD  DPW	Draft and incorporate condition prior to approval of project.  Prior to completion of Final Map or issuance of grading permit.  Prior to completion of Final Map or issuance of a grading permit.	Deny project.  City staff rejects Final Map and/or denies issuance of grading permit.  City staff rejects Final Map and/or denies issuance of grading permit.	
<b>3.5-C2</b> <b>Seismic Shaking:</b> Specific mitigation measures to reduce impacts to a less-than-significant level associated with seismically induced ground failure from seismic	Refer to Mitigation Measure 3.5-F1.	Refer to Mitigation Measure 3.5-F1.	Refer to Mitigation Measure 3.5-F1.	Refer to Mitigation Measure 3.5-F1.	

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densification are provided in Mitigation Measure 3.5-F1.					
<b>3.5-E1</b> <b>Liquefaction:</b> The final Geotechnical Report shall demonstrate compliance with, and adherence to, Public Resources Code Section 2690 and the Mountain View Quadrangle Seismic Hazards Map.	Refer to Mitigation Measure 3.5-A1.	Refer to Mitigation Measure 3.5-A1.	Refer to Mitigation Measure 3.5-A1.	Refer to Mitigation Measure 3.5-A1.	
<b>3.5-F1</b> <b>Seismic Densification:</b> Prior to approval of a final grading plan, the project Geotechnical Engineer shall confirm areas of fill that would require excavation and re-compaction prior to initiation of construction activities. These areas shall be identified on the final grading plans and the contractor shall excavate and re-compact the loose fill during grading of the site. All soils shall be handled in accordance with the requirements identified in the Geotechnical Report prepared by Treadwell & Rollo, Inc. (2001).	Refer to Mitigation Measure 3.5-A1. In addition, complete the following:  Contractor to excavate and recompact areas of fill identified by project Geotechnical Engineer.	Refer to Mitigation Measure 3.5-A1.  DPW	Refer to Mitigation Measure 3.5-A1.  Prior to approval of Final Grading Plan.	Refer to Mitigation Measure 3.5-A1.  City staff denies issuance of grading permit.	
<b>3.6 HAZARDS</b>					
<b>3.6-A1</b> <b>Emergency Preparedness Impacts:</b> Prior to the issuance of the first certificate of	Require as a condition of project approval.	CDD	Draft and incorporate condition prior to	Deny project.	

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<p>occupancy, the applicant shall prepare an Emergency Response/Recovery Plan for review and approval by the Community Development Department and Department of Public Safety. The plan shall include, at a minimum the following elements:</p> <ul style="list-style-type: none"> <li>❖ Location of emergency exits</li> <li>❖ Emergency contact information</li> <li>❖ Evacuation procedures in the event of disaster, including personnel accountability procedures.</li> </ul>	Project Applicant to prepare Emergency Response/Recovery Plan.	CDD DPS	<p>approval of project.</p> <p>Submit plan for review and approval by CDD and DPS.</p>	Deny issuance of first certificate of occupancy.	
<p><b>3.6-D1</b>  <b>Hazardous Material Impacts:</b> Prior to issuance of a demolition and/or grading permit, whichever occurs first, a Soil Management Plan, identifying specific areas where excavation is planned or where there is a known potential for concentrations of potentially hazardous materials, shall be prepared by a qualified environmental professional and submitted to the Community Development Department and Department of Public Safety for review and approval.</p> <p><b>3.6-D2</b>                      If unknown waste/materials or an underground tank or piping is discovered during grading or construction by the contractor, which he/she believes may involve hazardous waste/materials the</p>	<p>Require as a condition of project approval.</p> <p>Project Applicant to prepare Soil Management Plan.</p>	<p>CDD</p> <p>CDD DPS</p> <p>CDD DPS</p>	<p>Draft and incorporate condition as part of project approval.</p> <p>Prior to issuance of demolition and/or grading permit, whichever occurs first.</p> <p>During construction and/or grading activities.</p>	<p>Deny project.</p> <p>Deny demolition and/or grading permit.</p> <p>Halt construction activity until measures are implemented.</p>	

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<p>contractor shall:</p> <ul style="list-style-type: none"> <li>❖ Immediately stop work in the vicinity of the suspected contaminant, removing workers and the public from the area;</li> <li>❖ Notify the Project Engineer of the implementing agency;</li> <li>❖ Secure the area as directed by the Project Engineer;</li> <li>❖ Notify the implementing agency's Hazardous Waste/Materials Coordinator; and</li> <li>❖ Notify the Lockheed Martin Environment, Safety &amp; Health representative.</li> </ul>					
<p><b>3.6-F1</b>  <b>Asbestos Containing Materials:</b> Prior to renovation/demolition activities, a Certified Asbestos Consultant shall perform an asbestos survey(s) to verify the quantity of ACMs within on-site structures. Should the pre-demolition asbestos survey(s) identify</p>	<p>Require as a condition of project approval.</p> <p>Certified Asbestos Consultant, hired by Project Applicant to</p>	<p>CDD</p> <p>DPW</p>	<p>Draft and incorporate condition as part of project approval.</p> <p>Pre-demolition asbestos survey to occur prior to</p>	<p>Deny project.</p> <p>City staff halts renovation and</p>	

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the presence of ACMs, demolition activities shall comply with State law, which requires a contractor, where there is asbestos-related work involving 100 square feet or more of ACMs, to be certified and that certain procedures regarding the removal of asbestos be followed.	conduct site inspection for asbestos.  If asbestos is encountered, contractor to properly remove, transport and dispose of material.	DPW	renovation/demolition activities.  Complete ACM survey prior to renovation or demolition activities.	demolition activities until site is surveyed for ACMs.  City staff halts renovation and demolition activities until measures are implemented.	
<b>3.6-F2</b> <b>Lead-Based Paints:</b> If during demolition of the structure, paint is separated from the building material (e.g., chemically or physically), the paint waste should be evaluated independently from the building material to determine its proper management. According to the Department	Require as a condition of project approval.  If paint is separated from building material during demolition, project contractor	CDD  CDD	Draft and incorporate condition as part of project approval.  During demolition activities.	Deny project.  City staff halts demolition activities until measures are	

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of Substances Control, if paint is not removed from the building material during demolition (and is not chipping or peeling), the material could be disposed of as construction debris (a non-hazardous waste). The appropriate landfill operator shall be contacted in advance to determine any specific requirements they may have regarding the disposal of lead-based paint materials.	shall follow mitigation measure 3.6-F2.			implemented.	
<b>3.7 HYDROLOGY AND WATER QUALITY</b>					
<b>3.7-B Stormwater Quality Impacts:</b> A Water Quality Management Plan shall be prepared for the site prior to commencement of grading on the site. The management plan shall comply with current City of Sunnyvale	Require as a condition of project approval.  Project Applicant to prepare	CDD  CDD	Draft and incorporate condition as part of project approval.  Prior to approval of	Deny project.  City staff delays	



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requirements, including treating runoff from the site based on BKF analysis (please refer to Volume II, Appendix E "Hydrology and Water Quality Technical Assessment" of this report) to the Maximum Extent Practicable (MEP). Post-construction Best Management Practices (BMPs) shall be outlined in the Water Quality Management Plan, and shall include non-structural as well as structural BMPs, as appropriate. Construction BMPs shall be outlined in a Storm Water Pollution Prevention Plan (SWPPP) prior to the commencement of grading on the site, and shall include elements regarding construction site planning, housekeeping practices and material storage, vehicle and equipment fueling and maintenance, erosion and sedimentation controls, slope stabilization, dust control, road and construction entrance stabilization, storm drain inlet protection, and temporary	Water Quality Management Plan.  Review and approval of Water Quality Management Plan by City staff.	DPW  CDD DPW	grading permit.  Review and approve plan prior to approval of grading permit.	approval of grading permit.  Deny grading permit.	
drainage systems. Long-term post-construction operation and maintenance of both structural and non-structural BMPs shall be the responsibility of the project applicant. An agreement between the City of Sunnyvale and the project applicant shall be put in place that assigns responsibility for post-construction BMPs					
<b>3.8 LAND USE</b>					

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<b>3.8-3</b> <b>Land Use Policy/Regulatory Consistency:</b> The project's potential impacts regarding land use and regulatory consistency with respect to building height and FAR limitations would be mitigated by the approval of a Special Development Permit. The Special Development Permit reflects the City's independent judgment and discretionary approval of the project, as proposed, based on findings that the project is consistent with the General Plan and will not negatively impact adjacent properties, as described in the preceding discussion. The Special Development Permit also includes enforceable conditions of approval designed to mitigate project-specific operational issues or impacts. With the approval of a Special Development Permit, the project's impacts would be considered less than significant.	<p>Require as a condition of project approval.</p> <p>Project applicant to submit Special Development Permit application.</p> <p>Review and approval of Special Development Permit.</p>	<p>CDD</p> <p>CDD DPW</p> <p>CDD DPW</p>	<p>Draft and incorporate condition as part of project approval.</p> <p>Submit application.</p> <p>Approve Use Permit as part of project review.</p>	<p>Deny project.</p> <p>City staff delays approval of Special Development Permit.</p> <p>City staff denies Special Development Permit.</p>	
<b>3.9 NOISE</b>					
<b>3.9-A1</b> <b>Noise Related to Moffett Airfield:</b> Prior to issuance of the first building permit, the project applicant shall perform a final detailed analysis of interior noise reduction requirements and implement the required noise insulation features into the building design of the proposed buildings (in the	<p>Require as a condition of project approval.</p> <p>Project applicant to conduct final detailed analysis of interior noise reduction</p>	<p>CDD</p> <p>CDD DPW</p>	<p>Draft and incorporate condition prior to approval of project.</p> <p>City staff to review analysis prior to issuance of building permit.</p>	<p>Deny project.</p> <p>City staff delays approval of building permit.</p>	

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southwestern portion of the project site) to ensure that noise levels are reduced to less than significant levels.	requirements.				
<b>3.10 POPULATION AND HOUSING</b>					
<b>3.10-B1</b> <b>City of Sunnyvale Jobs/Housing Ratio Impacts:</b> The applicant shall contribute to the City of Sunnyvale's "Housing Mitigation Fund" as deemed appropriate by the City of Sunnyvale.	Require as a condition of project approval.  Project applicant to contribute to Housing Mitigation Fund.	CDD  CDD	Draft and incorporate condition prior to approval of project.  Receive payment prior to issuance of building permit.	Deny project.  City staff delays approval of building permit.	
<b>3.11 PUBLIC SERVICES</b>					
<b>3.11-A1</b> <b>Police Service:</b> The project shall incorporate a comprehensive on-site security system to assist the DPS in reducing the number of potential calls for police protection service. These shall include, at minimum, the following features:  ❖ A lighting plan utilizing a variety of	Require as a condition of project approval.  Project applicant to submit on-site security system for review.	CDD  DPS	Draft and incorporate condition as part of project approval.  Submit details and specifications with application.	Deny project.  City staff delays approval building permit.	

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<p>lighting types and features to illuminate the project site at night. Security lighting shall be provided in all areas that are not visually accessible to police patrols, as determined by the Sunnyvale Department of Public Safety (DPS). Nighttime illumination of buildings, pedestrian walkways and parking areas shall be used to highlight building design features, emphasize prominent entrances and create an atmosphere of security.</p> <ul style="list-style-type: none"> <li>❖ A private security force hired by the applicant to patrol the project site 24 hours per day.</li> <li>❖ In-progress robbery and burglar detection alarms installed in all project buildings to augment the private security force.</li> </ul>	<p>Project applicant to submit lighting plan for review and approval.</p> <p>Project applicant and/or property owner to hire private security force.</p> <p>Contractor installs robbery and burglar detection system.</p>	<p>DPS</p> <p>DPS</p> <p>DPS</p>	<p>Approve plan as part of project review.</p> <p>Prior to issuance of certificate of occupancy.</p> <p>Prior to issuance of certificate of occupancy.</p>	<p>City staff delays approval of certificate of occupancy.</p> <p>City staff delays approval of certificate of occupancy.</p> <p>City staff delays approval of certificate of occupancy.</p>	
<ul style="list-style-type: none"> <li>❖ A public address system for use by private security and the Sunnyvale DPS.</li> </ul> <p>Prior to issuance of buildings permits for the project, the Sunnyvale DPS shall review building and lighting plans for the purpose of ensuring that the lighting plan meets the minimum requirements needed by the DPS to provide for on-site safety, thereby reducing the potential increase in calls for police protection service</p>	<p>Contractor installs public address system.</p>	<p>DPS</p>	<p>Prior to issuance of certificate of occupancy.</p>	<p>City staff delays approval of certificate of occupancy.</p>	

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<b>3.11-B1</b> <b>Fire:</b> The City of Sunnyvale shall monitor the increase in emergency calls and response times generated from the proposed project site as the mini-campus phases of development are completed. Based on the results of monitoring calls, the City of Sunnyvale DPS shall plan and provide appropriate levels of equipment and personnel in locations suitably able to serve the project site.	Require as a condition of project approval.  DPS staff to monitor emergency calls and response times generated from proposed project development.	CDD  DPS	Draft and incorporate condition as part of project approval.  Submit annual report with findings.	Deny project.  City staff to plan and provide appropriate levels of equipment and personnel in suitable locations.	
<b>3.11-C1</b> <b>Schools:</b> The project applicant would be required to pay school fees to Fremont Union High School District in the amount of \$0.33 per square foot as mitigation for school facilities impacts. Pursuant to Section 65995 (3)(h) of the California Government Code (Senate Bill 50, chaptered August 27, 1998), the payment of statutory fees (\$0.33) "...is deemed to be full and complete mitigation of the impacts of any legislative or adjudicative act, or both, involving, but not limited to, the planning, use, or development of real property or any change in	Require as a condition of project approval.  Project applicant to pay statutory fees to Fremont Union High School District.	CDD  CDD	Draft and incorporate condition prior to approval of project.  Receive payment prior to issuance of building permit.	Deny project.  City staff delays approval of building permit.	

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governmental organization or reorganization...” Therefore, subsequent to payment of statutory fees, school impacts would be considered less than significant.					
<b>3.12 TRAFFIC/CIRCULATION</b>					
<p>The following is a description of mitigation measures 3.12-A and 3.12-B. These two measures combined mitigate impacts 3.12-A, 3.12-B and 3.12-C (freeway impacts, isolated intersection impacts, and coordinated intersection impacts).</p> <p><b>3.12-A</b> Prior to issuance of the first Certificate of Occupancy, the project applicant/developer shall establish and maintain a minimum 30% peak trip reduction beginning with full occupancy of Phase I and continuing</p>	<p>Require as a condition of project approval.</p> <p>Project applicant/developer to</p>	<p>CDD</p> <p>CDD</p>	<p>Draft and incorporate condition prior to approval of project.</p> <p>Prior to certificate of</p>	<p>Deny project.</p> <p>City staff delays</p>	

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through the build-out, full occupancy, and lifetime operation of all phases of project development. Trip reduction compliance shall be monitored with annual reports submitted to the City of Sunnyvale. Since Juniper Networks may not be the tenant in perpetuity, this mitigation measure applies to all future tenants during the lifetime operation of the project.	<p>establish and maintain a 30% trip reduction as specified in mitigation measure 3.12-A.</p> <p>Project applicant to submit annual trip reduction compliance reports.</p>	<p>DPW</p> <p>CDD DPW</p>	<p>occupancy.</p> <p>DPW to review annual reports.</p>	<p>approval of certificate of occupancy.</p> <p>If annual reports show non-compliance, and pursuant to the Final TDM adopted through the Special Development Permit, monetary fines will be assessed for non-compliance with TDM goals.</p>	

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<p><b>Freeway Traffic Impacts</b></p> <p>The following freeway segments would need to be widened to provide one additional travel lane to mitigate impacts to a less-than-significant level under Existing Plus Project with Existing Roadway Network Conditions:</p> <ul style="list-style-type: none"> <li>❖ US-101 northbound north of Route 237</li> <li>❖ US-101 southbound from north of Route 237 south of Lawrence Expressway</li> <li>❖ Route 237 eastbound from west of US-101 to Mathilda Avenue</li> </ul> <p>The 30% trip reduction is considered a feasible mitigation measure. However, widening of the freeway segments listed above would result in significant environmental and right-of-way impacts and are, therefore, not considered feasible. As a result the impacts of the proposed project on freeways is considered significant and unavoidable.</p>	Mitigation determined not to be feasible.				
<b>Isolated Intersection Traffic Impacts</b>					



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<p>The following improvement would be required to improve the CMP intersections to LOS E and local intersections to LOS D in the peak hours under Background Plus Project with Existing Roadway Network Conditions:</p> <ul style="list-style-type: none"> <li>❖ <b>Lawrence Expressway and Arques Avenue (CMP Intersection)</b> – Provide an additional southbound through lane and convert one of the eastbound through to right-turn lane (not feasible) or construct a grade-separation as identified in the General Plan.</li> <li>❖ <b>Lawrence Expressway and Reed Avenue/Monroe Road (CMP Intersection)</b> – Provide an additional northbound and southbound through lanes; add one westbound right-turn lane; and convert and extend the right-turn to right/through shared lane (not feasible) or construct a grade-separation as identified in the General Plan.</li> <li>❖ <b>Saratoga-Sunnyvale Road and Fremont Avenue</b> – Provide an additional northbound through lane (not feasible).</li> </ul>	Mitigation determined not to be feasible.				
<ul style="list-style-type: none"> <li>❖ <b>De Anza Boulevard and Homestead Road</b> – Provide an additional southbound through lane (not feasible).</li> </ul>					

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<p>❖ <b>El Camino Real and Grant Road</b> – Provide an additional eastbound left-turn and westbound through lanes, and the convert the northbound right-turn lane to a through/right shared lane and the convert the westbound through/right shared lane to a right-turn lane (not feasible).</p> <p>❖ <b>Mathilda Avenue and 5th Avenue</b> – Restripe the eastbound approach to one left, one through/right shared, and one right-turn lanes; provide an increase in the length of northbound left-turn lanes from 350 to 540 feet (feasible).</p> <p>❖ <b>Mathilda Avenue and Lockheed Martin Way</b> – Provide an additional northbound and southbound through lane and additional right-turn (a total of three) (not feasible).</p> <p>The 30% trip reduction is considered a feasible mitigation measure. However, the improvements listed above, except at the Mathilda Avenue/5th Avenue intersection, are not considered feasible because of substantial right-of-way takes that would be</p>					
necessary. As a result, the impacts of the proposed project on isolated intersections are considered significant and unavoidable. It should be noted that grade-separations at Lawrence Expressway/Argus Avenue and					

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<p>Lawrence Expressway/Reed Avenue/Monroe Road intersections have been identified in the General Plan. Construction of grade-separations would mitigate the LOS impacts at these two intersections.</p> <p><b>Coordinated Intersection Traffic Impacts</b></p> <p>To mitigate the Mathilda Avenue Corridor 1 to LOS E or better, Mathilda Avenue would need to be widened to six lanes in the southbound direction from south of Lockheed Martin Way to Ross Drive and from Ross Drive to north of Moffett Park Drive with transition to the two intersections adjacent to this corridor, or to grade separate Mathilda Avenue to allow for northbound and southbound movements without having to stops at the signalized intersections within this street corridor.</p>	Mitigation determined not to be feasible.				
The 30% trip reduction is considered a feasible mitigation measure. However, the widening of Mathilda Avenue corridor is not considered feasible because these improvements would require substantial right-of-way acquisition, cost, and modification to the Route 237/Mathilda					

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Avenue interchange, that may also affect the Route 237/US-101 interchange. Therefore, this mitigation measure is considered not feasible. As a result the impact of the proposed project on coordinated signal systems is considered significant and unavoidable.					
<b>3.12-B</b> Prior to issuance of the first Certificate of Occupancy, the following mitigation measures shall be implemented to reduce the level of freeway traffic impacts, isolated intersection impacts, and coordinated intersection impacts:	Require as a condition of project approval.  Project applicant to implement recommended measures.	CDD  CDD	Draft and incorporate condition prior to approval of project.  Prior to issuance of certificate of occupancy.	Deny project.  City staff delays approval of	

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<ul style="list-style-type: none"> <li>❖ Prior to issuance of the first building permit, the project applicant shall pay or cause to be paid for the re-striping of the eastbound approach from two left-turn lanes and a shared through-right lane to one left-turn lane, one shared through-right lane, and one right-turn lane with signal modification at the Mathilda Avenue/5th Avenue intersection.</li> <li>❖ Prior to the issuance of the first building permit, the draft circulation plan shall be finalized in consultation with City staff and improvements constructed to provide a third right turn lane and associated signal modifications on eastbound Lockheed Martin Way at Mathilda Avenue, and left-turn lanes for inbound traffic at all driveways along 5th Avenue between Mathilda Avenue and E Street, Lockheed Martin Way between Mathilda Avenue and 11th Avenue, and 11th Avenue between Lockheed</li> </ul>				certificate of occupancy.	
<p>Martin Way and E Street.</p> <ul style="list-style-type: none"> <li>❖ Prior to the issuance of the first building permit, the project applicant shall contribute applicable finding for traffic mitigation roadway improvement identified in the City of Sunnyvale General Plan consistent with methodologies used for determining an appropriate share.</li> </ul>					

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<p>❖ Prior to the issuance of the first building permit, the project applicant shall contribute applicable funds (as directed by the City Council) to help pay for the regional improvements needed to reduce project impacts on the impacted segments freeways as listed below:</p> <ul style="list-style-type: none"> <li>➤ US-101 northbound north of Route 237</li> <li>➤ US-101 southbound north of Route 237</li> <li>➤ US-101 southbound between Mathilda Avenue and Fair Oaks Avenue</li> <li>➤ US-101 southbound between Fair Oaks Avenue and Lawrence Expressway</li> <li>➤ US-101 southbound south of Lawrence Expressway</li> <li>➤ Route 237 eastbound west of US-101</li> <li>➤ Route 237 eastbound between US-101 and Mathilda Avenue.</li> </ul>					
<p><b>3.12-H</b>  <b>Emergency Access:</b> Prior to issuance of the first grading permit, the final Circulation Plan and the traffic mitigation measures shall be submitted for review to the Department of Public Safety (DPS) to ensure that emergency vehicle response times in the project area are not compromised by the decline in level of service operations at the freeway segments</p>	<p>Require as a condition of project approval.</p> <p>Project applicant to submit Circulation Plan and traffic mitigation measures.</p>	<p>CDD</p> <p>DPS</p>	<p>Draft and incorporate condition prior to approval of project.</p> <p>Prior to issuance of first grading permit.</p>	<p>Deny project.</p> <p>City staff delays approval of grading permit.</p>	

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or intersections analyzed within the study area. If the DPS determines, following their review of the aforementioned final circulation plan and/or project mitigation measures, that the emergency response times would be compromised, then the project applicant shall be required to submit an emergency access plan to the DPS for review and approval to ensure that service to the site and within the project study area is in accordance with the DPS requirements. Said plan shall include detailed design plans for emergency accessibility.					
<b>3.12-I</b> <b>Construction-Related Traffic Impacts:</b> Prior to issuance of each building permit, the project applicant/developer shall limit the time periods of construction truck activity, and location of construction worker parking.	Require as a condition of project approval.  Contractor to limit time periods of construction truck traffic, and location of construction worker parking.	CDD  Project Applicant DPW	Draft and incorporate condition prior to approval of project.  City to inspect site periodically during site building and/or grading.	Deny project.  Halt construction until measures are implemented.	

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<b>3.13 UTILITIES</b>					
<b>3.13-B1</b> <b>Sewer Capacity and Wastewater Treatment:</b> Prior to issuance of grading and building permits, the applicant shall conduct a final flow metering analysis of the sewer mains that would serve the proposed project site. Until the final flow metering analysis is complete, a worse case mitigation for the project would be to complete a new 15-inch parallel sewer main in Mathilda Avenue to Caribbean Drive and a parallel 18-inch sewer line in Caribbean Drive from Mathilda Avenue to the wastewater treatment plant.	Require as a condition of project approval.  Project applicant to conduct final low metering analysis of sewer mains that would serve the proposed project site.	CDD  CDD DPW	Draft and incorporate condition prior to approval of project.  Prior to issuance of building and/or grading permit.	Deny project.  City staff delays approval of building and/or grading permit.	
<b>3.13-D1</b> <b>Long-term Solid Waste:</b> Prior to issuance of the first building permit, the applicant shall submit a Solid Waste/Recycling Management Plan for City staff review and approval. At minimum, this plan shall include bin sizes and locations for solid waste, and the allocation of separate bins for paper, glass, plastic, newspaper, cardboard, etc.	Require as a condition of project approval.  Project applicant to submit a Solid Waste/Recycling Management Plan for City staff review.	CDD  CDD DPW	Draft and incorporate condition prior to approval of project.  Prior to issuance of first building permit.	Deny project.  City staff delays approval of building permit.	